From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: drhydro@ames.net (Paul Nelson)
Subject: 75A1 question- also whazza ARC-190?
Message-ID: <v01540a01adced7f5aa99@[1.1.1.1]>

OK, BA-ites - a friend is lookin' to buy a Collins 75A1 (actually has one in his sights) and needs to know what a fair price is. It's said to be about a 7 (out of 10) and has original manual, nothing else is known at this point.

Can y'all help?

Also- I picked up an antenna tuner, CU-2275(V)2/ARC-190, at the Boston MIT swap last weekend- anyone know what it'll handle, and where I can find documentation?

By the way- you're looking at a new old ham! Haven't been licensed since college (WA5EHG)- but took the test last week in Melrose, MA (was in Boston on business) and passed tech plus with general theory, and I intend to apply for my father's old call W5GNF in the first vanity gate coming up on the 31st. Feels good, and it won't be long till I can work up the CW for general and higher.

Paul Nelson   "When I go, I want to go quietly, in my
Ames, Iowa   sleep, like my grandfather- not
                                    screaming, like his passengers."
(DrHydro@ames.net)

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: pmills@cyberhouse.com (Phil Mills)
Subject: ? schematic for Globe Chief 90?
Message-ID: <199605271230.HAA19858@ns.cyberhouse.com>

Anybody got a schematic they can share with me? I'm trying to get one of these restored and working. Ordinarily, with something as simple as this, I would sketch out my own schematic. But, this unit looks like it was wired as a team effort by Godzilla and Atilla the Hun....I suspect there are some mistakes!

thanks,
Phil
Phil Mills, AB5TH
pmills@cyberhouse.com
713-992-5762

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: dgf@netcom.com (David Feldman)
Subject: Anyone interested in 50.400 MHz AM?
Message-ID: <199605270043.RAA22192@netcom12.netcom.com>

With 6M open alot during the last week, I've been calling CQ (from Denver) on 50.400 MHz AM occasionally, looking for those with sixers, hallicrafters, knight-kits, etc., who might still have a crystal for 50.400 MHz around.

Stay tuned!

73 Dave WB0GAZ dgf@netcom.com

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: jml@spider.lloyd.com (Jim Lockwood)
Subject: Re: Anyone interested in 50.400 MHz AM?
Message-ID: <m0uNreL-002WgfC@spider.lloyd.com>

At 07:44 PM 5/26/96 -0500, David Feldman wrote:
>With 6M open alot during the last week, I've been calling CQ (from Denver) on
>50.400 MHz AM occasionally, looking for those with sixers, hallicrafters,
>knight-kits, etc., who might still have a crystal for 50.400 MHz around.
>

I heard the Denver area last night on 6M out here on the left coast. Listen for me next time the band opens up. I"ll be on 50.4 calling CQ until the finals pop in the Seneca.

73,

Jim - km6nk

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: berg stephen erik <z931086@corn.cso.niu.edu>
Subject: Re: Anyone interested in 50.400 MHz AM?
Message-ID: <Pine.3.89.9605262125.A11927-0100000@corn.cso.niu.edu>

I finally got my antenna stuff ordered, so if all goes well, I should have everything up on 6 and 2 in a few weeks. I have several functional 6 A.M radios, but nothing working on ssb\cw as of yet. Look for me up at 50.412 until I get the VFO working too. Most of this stuff has only been mothballed since the mid 1970's, you'd think that it would all still work! (hi!)

73,

Steve WA9JML

z931086@corn.cso.niu.edu

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: MODSTEPH@ACS.EKU.EDU
Subject: Re: Anyone interested in 50.400 MHz AM?
Message-ID: <01I572G7787C005H96@ACS.EKU.EDU>

I am interested. It has been a long time...

Back in the dark ages when I was licensed it was possible to have Novice and Technician licenses at the same time - which I did. I would crank up the ol' Harvey-Wells Bandmaster TBS-50C on HF (80/40/15) with my KN9 call, then in the evening carank it on up to 50.4 with the K9 call for all the local/area mobile traffic which hung out there.

I have found the crystal, got the receiver working, and should have the Harvey-Wells (upgrade: now have the TBS-50D) up and running soon, so at some point.... :)

73, Al N5AIT
modsteph@acs.eku.edu

From boatanchors@theporch.com Mon May 27 14:48:00 1996
Subject: F/S Hammarlund HQ-150

Exceptionally nice HQ-150 for sale, $215.00 shipped

Contact: David Rawley weekends 704-375-7007 weeknights 910-882-1440
weekkdays 910-888-3559

NOTE: please do use "E" mail on this offering, only above numbers.

------ Forwarded message ends here ------

Dick Dillman
WPE2VT N6VS ex-WA2BJK
<ddillman@igc.apc.org>

Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Mon May 27 14:48:00 1996
Subject: FS: Halli S-36A, $125

Late (1948) S-36A with origional manual and copy of TM11-867. (War Dept. Manual for the BC-787-B) Works on all bands. *No rust.* Has been installed into a HT-32/SX-62 style case. Covers 28 to 144 mHz AM, FM & CW in three bands.

$125 + Shipping

(719) 260-5513 or e-mail

-df (N0YLJ)

------ Forwarded message ends here ------

Dick Dillman
WPE2VT N6VS ex-WA2BJK
<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: David Metz <metzd@cfw.com>
Subject: FS: Hq 170
Message-ID: <9605270118.AA19388@milo.cfw.com>

Nice looking Hq 170 (no clock) maybe a 7+ cosmetically. Electrically, I can receive on all bands with the 20 and 40 very good(listening to the Collins net this afternoon) 80&160 seemingly a little weaker but still there; 10 and 6 unknown at this point. Unfortunately--some minor mods! Someone wanted a PL 259 on the back and there is an additional hole about 1" in diameter on the back panel. In addition, the audio output transformer isn't original and there is now two in its place! And.. there is the remains of some sort of tube mod mounted on a 1"x3" alum plate next to the tuning cap still hooked up but no tube. This is VERY clean underneath but sort of oxidized on the top of the chassis. I haven't even checked the tubes as I know I won't ever find the time to ever get into bringing it up to snuff . I literally bought it to verify the wiring on another unit I obtained from another member of BA and then planned to reverse the obvious mods but after getting the first one up and running great with some help from this fabulous group, I said the heck with verifying and reversing. Thus, I would like to get out of this one what I have in it--$145 plus shipping. I realize it isn't original, but it is a is a nice looking unit and I am sure some of you experts out there would be very proud of it when you tune it up and remove the "extras" in a very short time. Knobs are original and I also have a copy of the manual.

73's dave   metzd@cfw.com   (Staunton Va. I-81 &I-64)

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Fwd: F/S Hammarlund HQ-150
Message-ID: <76233.ddillman@igc.apc.org>

NOTE The message below is a re-post from rec.radio.swap. All replies must go to the person making the post, not me.

----- Forwarded message begins here -----

From: k2112 <k2112@cris.com >
Newsgroups: usenet.rec.radio.swap
From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Fwd: FS: Halli S-36A, $125
Message-ID: <76238.ddillman@igc.apc.org>

NOTE The message below is a re-post from rec.radio.swap. All replies must go to the person making the post, not me.

----- Forwarded message begins here -----

From: Dexter Francis   <dfrancis@usa.net>
Newsgroups: usenet.rec.radio.swap
From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: robert fowle <hammarlund@voyager.net>
Subject: FWD: need atwater kent manual
Message-ID: <199605271510.LAA13863@vixa.voyager.net>

THIS IS A FORWARDED MESSAGE

not from me, Please respond to Joe.

From: Joe Spencer <jspencer@metronet.com>

Hi Robert,

It is an Atwater Kent Model 40...It's in real good condition but would like some manual/schematic on it. Haven't even tried it out yet...spent the weekend putting up, then climbing around/attaching things to, my new(old) tower.

73, Joe KK5NA

If anybody can help Joe, Please e-mail him.
Thank you.

```
===========================================================]-[->
Robert Fowle      KC8DBC
The HAMMARLUND Historian
Ph. voice or fax  517-789-6721
1215 Winifred
Jackson, Mich. 49202-1946
E-mail at: hammarlund@vixa.voyager.net
                 HAMMARLUND LITERATURE WANTED
WANTED: MANUALS FOR ANY MAKE RADIO EQUIPMENT
===========================================================]-[->
```

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: "Richard A. George" <wa6jox@rain.org>
Subject: galaxy V transceiver
Message-ID: <Pine.SUN.3.93.960527111648.29119A-100000@coyote.rain.org>

In a trade this weekend i ended up with a Galaxy V mark 2 transceiver and power supply. It has the orignal manual, with lots of notes, mobile mounting brackets, and a Heathkit mic. It is fairley clean with no extra holes or apparant mods. The cabinet could stand repainting, and some of the decals are worn thin on the front panel. The power supply is not in a cabinet but is a Galaxy power supply (probably was made to go in an optional speaker cabinet). I brought the power up slow and it does receive, and has power output. I'm sure it could use a good cleanup, tube check, and alingment. The XYL says no more radios in the bed room! so i guess i will have to sell it. I will let it go for $150.00 or best offer and i will pay the shipping in continteal USA. I'm also open to trades.
73 Dick WA6JOX

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: Henry van Cleef <vancleef@bga.com>
Subject: Grid dip low freq. coils
Message-ID: <199605271734.MAA13388@zoom.bga.com>

I've gotten some E-mails asking for coil winding data for low frequency coils for Millen dips and Measurements Megacycle Meter.

Haven't answered these or the public postings in the boatanchor group because I don't have this data.

On the Megacycle Meter, I am not sure how well increased inductance coils would work. The tuning cap in the standard unit is fairly small, and a the C/L ratio needs to be kept high to keep up overall Q. Measurements made a 59LF, but I do not know what they did to tailor it for lower frequency work.

On the Millen unit, the cap is larger, and they sold lower frequency coils for it which, as I recall, were universal wound coils with more inductance. Since universal winding requires a specialty coil winder, I think that making a universal coil is a dead end. The alternative would be to use either a solenoid or bank wound coil on a larger form (an inch or more), or to use an RF choke (air wound, preferably). The inductance needed should fall between 200 and 500 mh, depending on frequency desired---I have not calculated this. I would also try AA5 broadcast oscillator coils. A Hartley coil should work, and for more inductance, a tuned grid coil with the tickler winding connected series-aiding with the grid winding.

I have not measured coil inductances of the existing coils, but this would tell you how much additional inductance you'd need to resonate with the cap.

Short of doing a bunch of engineering that's low priority around here, I can only make suggestions on an approach.
--
****
Hank van Cleef vancleef@bga.com vancleef@tmn.com
****

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: CHARLES HETT <75066.3711@compuserve.com>
Subject: Link Coupling Design
Message-ID: <960527010212_75066.3711_CHI29-1@CompuServe.COM>

I have had a home brew power amplifier for years and have always been puzzled about the theory of operation of the link coupling mechanism. I no longer am in contact with the builder so am unable to discuss this with him. Perhaps someone on the list can help.

The rig is a push pull 100TH job at about 500 watts. The tubes are push pull operated with Johnson plug in coils. The Link Coupling mechanism isn't what I would call the basic few turns of wire in a three inch diameter coil. Instead, it's a few turns of wire wound inside a 3/8" copper tube formed in a 3" diameter circle. The copper tube doesn't form a complete 3" circle. It has about a one inch gap.

The wire (inside) is soldered at one end of the tube and this end is connected to the shield braid of the coax leading to the coax antenna connector. The other end of the wire exits the other end of the tube and goes to a small variable capacitor (I supposed about 35 pf) in series and then to the center conductor of the antenna. On some bands this capacitor is shorted out.

I actually have two of these links. The one on the low bands has a couple more turns than the one on the high bands.

It all seems to work but I would like to know how. It would seem that the copper tube would shield most of the RF from the link.

Any thoughts? Does this make sense?

Thanks,
73
Charlie k0thn 75066.3711@compuserve.com

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: Morris Odell <morriso@vifp.monash.edu.au>
Subject: Re: Link Coupling Design
Message-ID: <199605270529.PAA19871@vifp.monash.edu.au>

Hi Charlie & all,

> I have had a home brew power amplifier for years and have always been
<snip>
> It all seems to work but I would like to know how. It would seem that the
> copper tube
> would shield most of the RF from the link.

This is a common enough technique, designed to electrostatically shield the
link. The power transfer to the link is by electromagnetic induction (it's
a transformer) and the presence of the copper tube, as long as it's not a
shorted turn, does not make any difference. What it does do is prevent
capacitive coupling which would be undesirable. A similar technique is used
in receiving loops where a non-continuious electrostatic shield surrounds
the loop proper to reduce noise consumption.

At VHF in fact a coupling loop can consist of the end of the coax looped
around with the centre conductor soldered to the braid. As long as the
braid at the end of the coax is left unconnected it doesn't disturb power
transfer but acts as a shield.

73

Morris Odell VK3DOC   Melbourne, Australia
morriso@vifp.monash.edu.au
http://www.vifp.monash.edu.au/CFM/staff/mo.html

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: Henry van Cleef <vancleef@bga.com>
Subject: Re: Link Coupling Design
Message-ID: <199605270634.BAA19624@zoom.bga.com>

As CHARLES HETT said
>
> I have had a home brew power amplifier for years and have always been puzzled
> about the theory of
> operation of the link coupling mechanism. I no longer am in contact with the
> builder so am unable
> to discuss this with him. Perhaps someone on the list can help.
>
(detailed description deleted)

Aha! What you are describing is inductive coupling with an
electrostatic shield. This is one place where some understanding of
Maxwell's equations (which more than just a bunch of mathematics)
helps.

The primary creates both an electric and a magnetic field. They are at
right angles to each other. The tube you describe, which is NOT a
complete turn, and is connected to the shield braid of the output
cable, shields the output winding from the electric field of the input
winding, but the magnetic field passes through it freely.
Electrically, it appears as a unipotential plate between input and
output. If you have a text that describes a Faraday shield, it will

tell you how this works.

I sometimes wonder, with all the yelping about CW vs. no CW for amateurs, whether an exam on Clerk Maxwell's stuff for higher-grade licenses would be a suitable substitute.

--
****
Hank van Cleef vancleef@bga.com vancleef@tmn.com
****

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: CHARLES HETT <75066.3711@CompuServe.COM>
Subject: Re: Link Coupling Design
Message-ID: <960527142347_75066.3711_CHI37-1@CompuServe.COM>

To all who replied on my question re: Link Coupling

Thank you. This rig was built in the early '50's and I haven't read a Handbook of that era. The shielded link concept makes good sense and certainly is what I have. Thanks for the info.

73
charlie k0thn 75066.3711@compuserve.com

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: robert fowle <hammarlund@voyager.net>
Subject: list of sams availible
Message-ID: <199605270746.DAA27237@vixa.voyager.net>

here's what BA Sams are availible: (IT'S A START)   8-) 'X'/=QTY
$10 each first class

National: 2/HFS, 1/SW-54, 2/HRO-50R1/T1, 2/HRO-7R/T, 2/NC-2-40-DR/DT,
1/NC-33, 1/NC-46, 2/NC-57, 2/NC-88, 2/NC-108R/T, 1/NC-173R/T, 2/NC-183R/T

Hallicrafters 'S": 1/S-38B, 1/S-38C, 3/S-40A, 1/S-40B, 1/S-47, 2/S-51
2/S-52, 2/S-53, 1/S-53A, 3/S-55/56, 2/S-58, 2/S-59, 2/S-72, 2/S-72L,
2/S-77, 1/S-78, 1/S-78A, 1/S-80, 2/S-81, 2/S-82, 1/S-94

Hallicrafters 'SX': 3/SX-42, 1/SX-43, 2/SX-62, 1/SX-71, 2/SX-99/U MRK 1

Hallicrafters: 2/5R10, 1/5R10A, 1/5R11/12/13/14, 1/5R24,

1/5R31/A/32/A/33/A/34/A, 2/5R50/51/52, 1/5R230/231/232,
1/8R40/40C, 1/TW-25, 1/TW-55/B55, 1/TW500/600, 1/TW1000,
1/CA-2/2A, 2/CA-4, 1/ATCL-9/10/11, 1/ST-74, 1/ST-83,

Gonset: 1/3-30 convtr, 1/10-11 convtr,
Harvey wells: 1/AT-3B-6/12, 1/ATR-3-6/12,
RME: 1/VHF-152A, 2/HF-10-20, 1/DB22A, 1/RME-45, 1/RME-84
2/VHF-2-11

```
END**********************
===========================================================]-[->
Robert Fowle      KC8DBC
The HAMMARLUND Historian
Ph. voice or fax  517-789-6721
1215 Winifred
Jackson, Mich. 49202-1946
E-mail at: hammarlund@vixa.voyager.net
                 HAMMARLUND LITERATURE WANTED
WANTED: MANUALS FOR ANY MAKE RADIO EQUIPMENT
===========================================================]-[->
```

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: JOHN_SEHRING.parti@ecunet.org
Subject: NATIONAL XCU27 XTAL CALIBRATOR
Message-ID: <9605271400.aa19774@pcusa01.ecunet.org>

Looking for a schematic for a National XCU27 crystal calibrator.

Does 1 MHz & 100 KHz, evidentally plugs directly into some National receivers via octal plug on bottom. 100 KHz xtal & 6AK5 tube inside box, 1 MHz xtal outside.

tnx es 73 -John Sehring (05/27/96 9:25 am MT @Baker, Montana) wb2eqg

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: mirage!pamars@Simba.AGN.NET (P.A.Marshall)
Subject: Re: Need info on Comet Pro
Message-ID: <9605262250.AA11516@mirage>

W7FG writes:

>
> Anyone out in Boatanchors land have a manual he
> could get a copy of fro the Comet PRO??
>

Gary,

I have referances for 8 differant Comet Pro's, 5 for the basic Pro, the AVC model, and the late model xtal & std., I think I have schematics and alignment info. for 7 (maybe all 8) of them. If we can figure out which one yours is copies are yours for a SASE. If you can find a date month & year, that would be the place to start.

Al Marshall   "Real Radios Glow in the Dark"   almarshall@acm.org
1+219.665.5072   Mirage Computers, Inc.   pamars@mirage.angola.in.us

"The lyf so short, the craft so long to lerne." - Chaucer

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: W7FG <w7fgboat@eigen.net>
Subject: New books for sale
Message-ID: <199605271455.JAA16294@newton.eigen.net>

I am now stocking Raymond Moore's books, and find them very useful in my everyday life in the Boat Anchor Shack.

Communications Transmitters, $21.95
144 pages
561 transmitters covered
118 Companies represented
470 Photos

Communications Receivers, $19.95
3rd Edition
125 pages
738 receivers covered
66 Companies represented
402 Photos

Shipping and handling $3.00 for one or both books.

Gary W7FG E-Mail <w7fg@eigen.net>
Phone - 1-800-807-6146

From boatanchors@theporch.com Mon May 27 14:48:00 1996

From: JOHN_SEHRING.parti@ecunet.org
Subject: REBUILDING TUBES
Message-ID: <9605271400.aa19783@pcusa01.ecunet.org>

Rebuilding large transmitting tubes is big business in the broadcast industry. Just look at the ads in the back of `Radio World'.

How this applies to `non-big' tubes I don't know.

-John Sehring (05/27/96 9:44 am MT @Baker, Montana) wb2eqg

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: MODSTEPH@ACS.EKU.EDU
Subject: RE: Rebuilding Tubes?
Message-ID: <01I572BQSR0Y005H96@ACS.EKU.EDU>

It seems to me that the "Realistic" (Radio Shack) tubes were often rebuilt - or at least that was the rumor at the time (mid '60's). And as the originator of this thread mentioned, rebuilding CRT's was a very common occurence, particularly TV picture tubes.

73, Al N5AIT
modsteph@acs.eku.edu

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: "F r6fqHo!ht" <75121.100@CompuServe.COM>
Subject: Robert Craiglow
Message-ID: <960527092352_75121.100_FHI6-1@CompuServe.COM>

I don't know how many of you recognize this name as I was just reminded the other day when I ran across a list of most of the engineers that were at Collins. Robert was the engineer in charge of the crystal oscillator design section.

`I have a copy of his CRYSTAL OSCILLATOR DESIGN, by Robert Craiglow book. It is dated March31, 1950 and contains 24 pages, standard size pages, (8-1/2" X 11") It looks like it was types rather than printed due to the type of font used.

It contains much of the math and crystal physics details. It also contains many examples of oscillator types and an analysis of many of the different types of TUBE circuits and best uses for each, including the detailed schematics.

It starts with FREQUENCY STABILITY, OPERATING FREQUENCIES, CRYSTAL

ACTIVITY, TEMP COEFFICIENT, AGING, FINISHINBG TOLERANCES, OVERTONES AND SPURIOUS MODES, FREQUENCY RANGES (for the different types of cuts), POWER DISSIPATION.

Some of the circuits analyzed using vector diagrams and a narrative are the Pierce oscillator, Triode Pierce Osc, Pentode Cathode-feedback osc., Pentode Grounded-Cathode Osc., Pierce Osc for low Frequency, Butler Osc,

It also has a great chart of the different crystal specs for the different CR holders.

Thus, I will make copies of this available to anyone who wants it for $6.00 shipped. I will also include another 20 page excerpt from a book titled "GUIDE TO THE USE OF QUARTZ CRYSTAL OSCILLATORS" which was found along with the original Robert Craiglow guide.

Anyone wanting a copy, e-mail me your address and I'll get you a copy.

Regards from Hawaii,
Raymond J. Cote

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: Sandra L Knepper <slkst29+@pitt.edu>
Subject: Spring Housekeeping Sale
Message-ID: <Pine.3.89.9605271045.A28782-0100000@unixs3.cis.pitt.edu>

I have some older items that many of you may need for your collections. Please make any reasonable offers. All equipment is operational.

1. Rider Chanalyst, Service Instrument Inc., NYC
2. Gonset GPP-1 Hybrid Phone Patch
3. Gonset VHF Power Amplifier (826 tubes) 6 Meters
4. HP 5250 Frequency Converter
5. Gonset Communicator III, 2 Meters
6. Tektronix, Constant Amplitude Signal Generator, Type 190B
7. RCA VHF Signal Generator, Type LG-22
8. Weston Electric Company, 3" Scope for Field Engineering
9. RCA Color Bar Generator, WR-61A
10. RCA Station Allocator No. 171
11. Television Field Strength Meter, Model A-460, Approved Electronic Instrument Corp., NYC
12. Frequency Standard, type 90501, Millen Instrument Corp., Malden, MA
13. HP Wide Range Oscillator, Model 200 CD

Thank you.

Dave, W3BJZ
Publisher of the monthly Collins Journal

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: w7ni@teleport.com (Stan Griffiths)
Subject: Re: Tek RM35A saga (long)
Message-ID: <199605271015.DAA12652@desiree.teleport.com>

>Now I'm waiting for a 12BY7 so I can test the vertical amp. One residual problem I find with the horizontal display is that the position neons are not balanced with respect to the sweep. Does anyone here know if this can be adjusted or is it due to tube imbalance? I've got quite a few 6DJ8's but replacing them is not easy.

There is no adjustment for the neons. You might measure the voltage across them when they are lit. It should be about 55 volts. In the factory, we used to test the horizontal position neons in the "External Horizontal mode" where the only thing on the screen is a dot which can be positioned vertically and horizontally. The neon requirement was that the left neon be lit and the right neon be extinguished when the dot left the screen to the left and the right neon be lit and the left neon be extinguished when the dot left the screen on the right.

>Stay tuned for the nest instalment folks...
>
>73
>
>Morris Odell VK3DOC in marvellous Melbourne.
>morriso@vifp.monash.edu.au
>

Stan w7ni@teleport.com

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: "F r6fqHo!ht" <75121.100@CompuServe.COM>
Subject: Testing tubes
Message-ID: <960527092406_75121.100_FHI6-2@CompuServe.COM>

I have had a TV-7 for about 18 years and rarely find tubes that I cannot test. I was going to test a few 6550A audio tubes and it is not even listed in the TV-7 tube sheets. Is there a listing in the TV-2 tester for these? Anyone know why the 6550(A) is not included?

Regards from Hawaii,
Raymond J. Cote

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: KB9VU@aol.com
Subject: Thanks!
Message-ID: <960527102533_401559786@emout19.mail.aol.com>

Thanks to all who responded to my plea for help on the Value of the Bird
Thruline, Slugs and Termline Load. I would have been unable to gage the
value of the trade offered without your help.

Thanks!

mike

kb9vu@aol.com

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: "Mitch, WA4OSR" <wa4osr@cris.com>
Subject: Re: vibroplex
Message-ID: <31A7AE65.617A7564@cris.com>

rdkeys@csemail.cropsci.ncsu.edu wrote:
>
> > Findley Breeze as in Samual FB Morse.
>
> Let's get Mitch to remanufacture that rotating lever arm weight.
> That is the one thing I could really use, else one bug sits at 15 wpm
> heavily weighted, and the other several rattle at 30 wpm.
>

i had a picture of one but then someone brought one by the booth at dayton
to show me... i might make one to see what is involved...

> > 3. Super heavy weight so it won't slide around.
>
> Concur here. Like about another 50% mass size should do the trick.
> Maybe a special edition model with biggie base. Separate custom
> bases by special order?
>

probably won't happen... but, i have one special order to put a bug, iambic and
the new hand key on one base... price no object... should i do it?

> > 4. Extra grippy feet for the same reason.
>

> About 1 inch in diameter with ribbed superstick feet (like round rings
> to increase the surface tension between the rubber and the surface).
>

this might be possible... i'll check to see what is available...

> > 5. I don't care about chrome, gold or other exotic metals. Just good ole
> >   wrinkle finish black will do.
>
> I actually prefer the chrome, unless the base finish is gloss black like
> the early Racers (or Blue mebbie? hint hint Mitch). It keeps better than
> the painted ones, over the long haul, although at my age that is not much
> to worry about.

our 'painted' bases are now black and are actually powder coated...

>
> > Any more suggestions?
>
> Yeah, one more....
>
> 6. Take and put good spring loaded binding posts, like the ones used
> in the early days of radio in the exotic testing boxes that one occasionally
> sees by Leeds and Northrup, et al. Or, like on the Landline patching panels
> used in wire telegraphy. You just push down on the post and insert the wire
> end.
>
> > Steve Ellington N4LQ@iglou.com

definately not...

>
> It is hard to improve on a time tested machine.
>

if you put our current model next to a 1904 horace martin vibroplex the
differences are
almost all cosmetic! no one has been able to improve on the ingenious mechanical
symplicity of the bug in over 90 years... and, there have been, at last count,
over 140 companies that have made bugs over the years... but the first company
to make bugs is the only one still in business, so that must tell u something...

> Wat Say Mitch?????
>
> 73/ZUT DE NA4G/Bob

mitch
wa4osr

--
------------ * * * The oldest company in ham radio! * * *------------------
Felton "Mitch" Mitchell   The Vibroplex Co., Inc.
wa4osr@cris.com   11 Midtown Park, E.
334-478-8873, FAX 334-476-0465   Mobile, AL 36606-4141

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: JIM_ALLEN@HP-Cupertino-om5.om.hp.com
Subject: Wanted: Manual
Message-ID: <H000030e03ac2980@MHS>

Item Subject: cc:Mail Text
I need a manual (or copy) for the Multi-Elmac 1470 power supply.
It powers their mobile transmitters. Will be glad to pay copy and shipping charges.

Thanks,

Jim

KC6VWV

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: midshires@cix.compulink.co.uk (Andrew Emmerson)
Subject: WTB Nuvistor Handbook
Message-ID: <memo.703540@cix.compulink.co.uk>

One of the things I never seem to see for sale is the RCA applications book on Nuvistors. There used to be a copy in the Patent Office Library in London but it was withdrawn years and years ago; it was a small hardback and quite substantial as I recall.

If anyone has a clean copy for sale, I'd be delighted to buy it. Thanks in advance.
Andy G8PTH.

From boatanchors@theporch.com Mon May 27 14:48:00 1996
From: "Ray L. Mote" <rmote@rain.org>
Subject: WTB: PRC-47 connectors, Heath Cantenna, etc.
Message-ID: <Pine.SUN.3.93.960527080232.4570A-100000@coyote.rain.org>

Need the following:

(1) Connector on PRC-47 power supply module & mating connector on chassis (or source for new parts in very small quantity). These are ITT/Cannon 27W2P and 27W2S units.

(2) Heath Cantenna or spare noninductive resistor specifically for the Heath Cantenna. (Application requires exact same part.)

(3) Replacement for 50-ohm 30-watt Corning noninductive resistor, length 100 mm, diameter 20.8 mm.

73.....Ray Mote, W6RIC <rmote@rain.org>